

# CHUN-KAI (KEN) KAO

<http://www.kennykao.com>  
650-862-8492 • [kennykao@stanford.edu](mailto:kennykao@stanford.edu)

## EDUCATION

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### Stanford University

*M.S. Electrical Engineering*, expected March 2014. GPA: 3.9/4.0

*B.S. Electrical Engineering*. GPA: 3.8/4.0

Stanford, CA

3/11 – 6/12, 9/13 – present

9/08 – 6/12

- **Honors:** Tau Beta Pi Engineering Honor Society, CS247: Human-Computer Interaction Final Competition 2<sup>nd</sup> place

## PROFESSIONAL EXPERIENCE

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### Stanford University Dept. of Electrical Engineering

*Teaching Assistant, ENGR40: Introductory Electronics*

Stanford, CA

9/13 – 12/13

- Supervised lab sessions (50+ students) and held office hours each week

### Republic of China Marine Corps

*Software Engineer, Marine Corps School*

Kaohsiung, Taiwan

10/12 – 9/13

- Led a team of 3 to develop and maintain war simulations for 3 major national military exercises
- Redesigned software system to reuse overlapping data, reducing 50+ man-hours over 2 weeks for all future military exercises
- Instructed a mandatory course to 400+ marines on how to operate military simulations

### Palantir Technologies, *Leading Data Integration & Analysis Platform*

*Forward Deployed Engineer Intern, Palantir Finance*

Palo Alto, CA

5/12 – 9/12

- Led a team of 9 to create a visual web tool to integrate client data using Java Play Framework
- Designed demo for home mortgages in Python, which was presented 8+ times to potential clients
- Integrated client data to our platform and built custom features to analyze stock index for a \$152B asset management firm

### Opower, *Leading Energy Efficiency & Smart Grid Software Startup*

*Software Engineer & Product Manager Intern*

Arlington, VA

6/11 – 9/11

- Led a cross-functional team of 8 (engineers, designers, client engagement managers, sales engineers) from ideation to prototype of an individualized short-url sign-up service, which allows users to sign-up on Opower's platform with a few clicks
- Reduced 3+ hrs of engineer-time per client by automating the launch of an FAQ site for each client using Java Spring

### Facebook

*Hardware Test Engineer Intern, Server Team (Open Compute Project)*

Palo Alto, CA

6/10 – 9/10

- Developed test plan and set up lab for the 1<sup>st</sup> generation server at Facebook
- Servers increased 38% in efficiency and decreased 24% in price compared to industry standards

### Hewlett-Packard

*Research & Development Engineer Intern, Taiwan Design Center*

Taipei, Taiwan

6/09 – 8/09

- Designed the testing procedure and obtained Energy Star 5.0 certification for Workstation Z200, a key computer product
- Diagnosed malfunction in idle-state power saving; resulted in 20% power savings per computer

## SELECTED EXTRACURRICULAR ACTIVITIES

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### Stanford Consulting

*Project Director & Board Member*

Stanford, CA

9/10 – 6/12

- Led a team of 5 graduate and undergraduate students to assist Grupo RBS, 2<sup>nd</sup> largest media company in Brazil, in establishing their venture capital branch; resulted in 29 investments by late 2013
- Led a team of 5 student consultants to work with Google advisors to identify future revenue models for mobile applications

### Green Alliance for Innovative Action (GAIA)

*Vice Chair*

Stanford, CA

9/11 – 6/12

- Responsible for voicing opinions of all sustainability-related groups at Stanford to university officials and student government
- Facilitated collaboration among member student groups to host "Earth Day", the largest sustainability event at Stanford attracting 1000+ people, and "Art After Dark", a festival that features 250+ pieces of student-produced art

### Asia-Pacific Student Entrepreneurship Society (ASES)

*Strategy & Development Director*

Stanford, CA

9/08 – 6/11

- Collaborated with Stanford Career Development Center to host startup career fair, attracting 70+ startups and 600+ students
- Increased corporate sponsorship by 200% from previous year (\$2,000 to \$6,000)

## SKILLS

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**Computer Skills:** Java, C, C++, C#, SQL; HTML, CSS, Javascript; Python, Ruby, Rails; Matlab

**Language Skills:** Native proficiency in Mandarin Chinese and Taiwanese (Southern-Min Chinese)